Grand Unified Search

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Grand Unified Search (GUS)

An interface to provide a common access point for

- IADS Search
- RPSTL Search
- IQuest Reader Search

Grand Unified Theory (GUT)

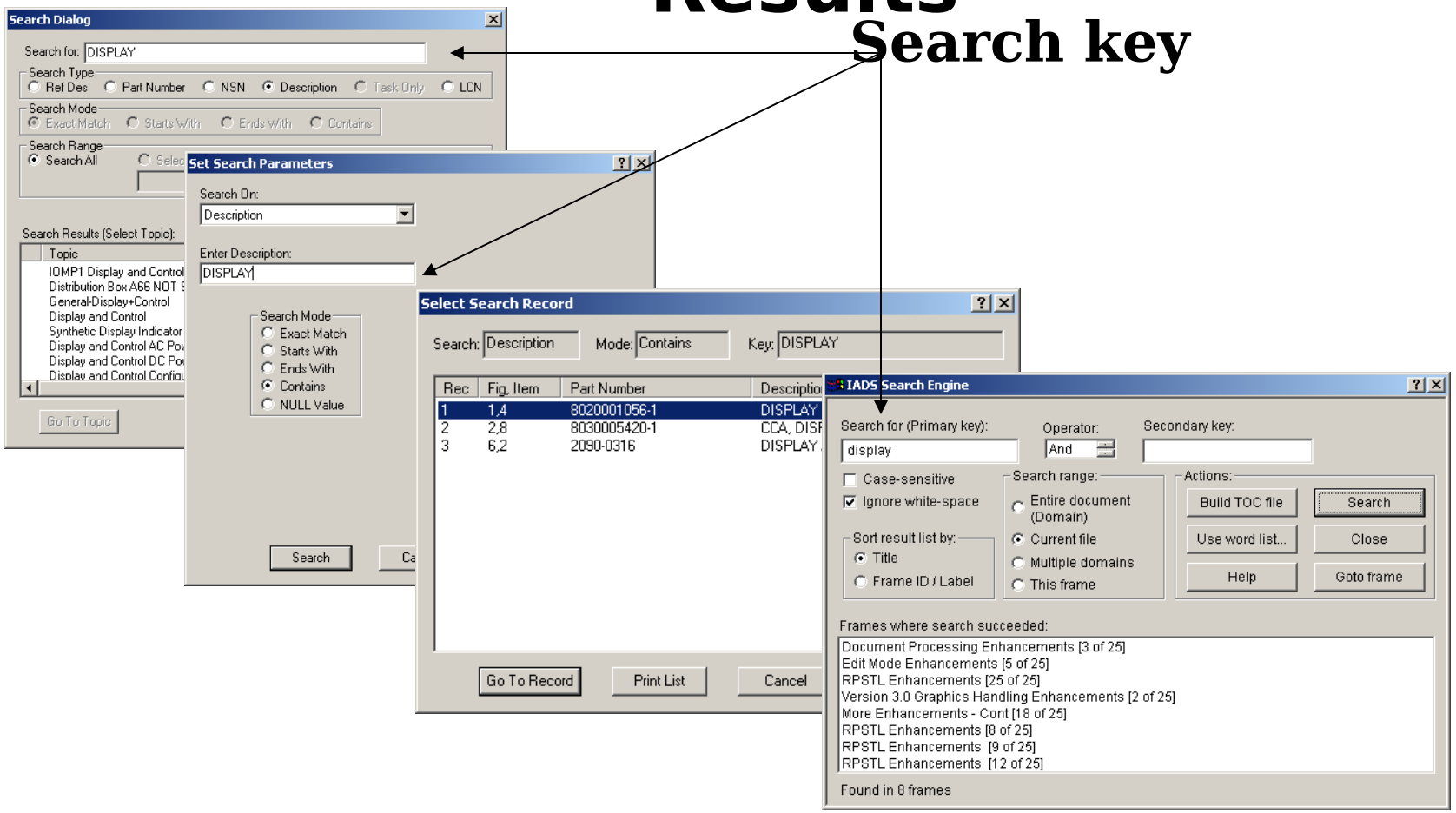
Today, one of the major goals of particle physics is to unify the various fundamental forces – strong force, weak force, electromagnetism, and gravity --in a Grand Unified Theory which could offer a more elegant understanding of the organization of the universe.

What common fundamentals exist in all three search interfaces?

Similarities of All Three Search Interfaces

- Purpose and Performance
  - Tools search data for keyword
  - Tools display list of navigational, IADS displayable search hits
  - Tools require similar user interaction to produce search results

Requires Similar User Interaction to Produce Search Results



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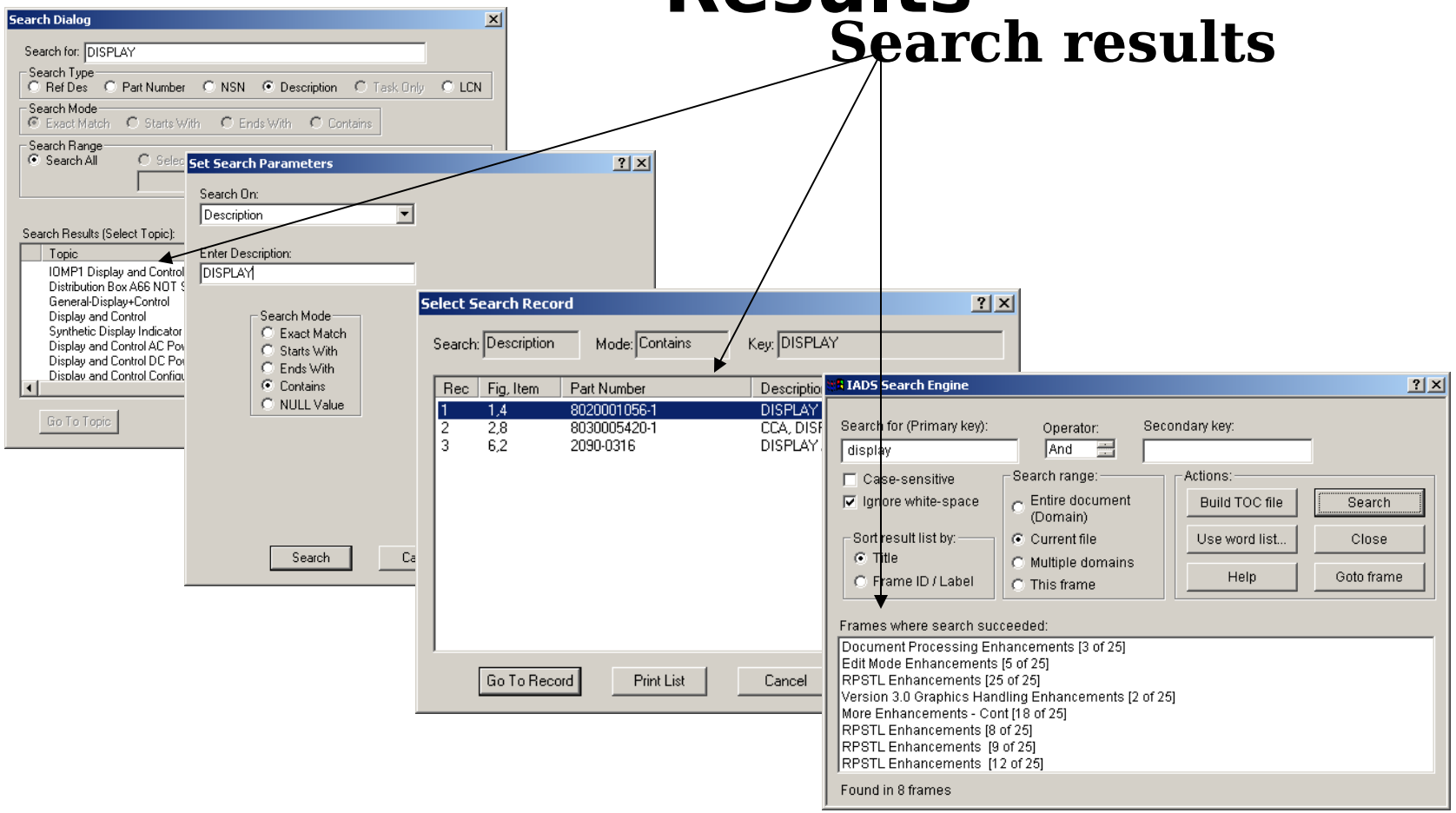

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Grand Unified Search.

Combines:

- IADS's text search,
- RPSTLs parts information search
- IQuest Reader's associated topic search

What is gained by incorporating all three searches into one interface?

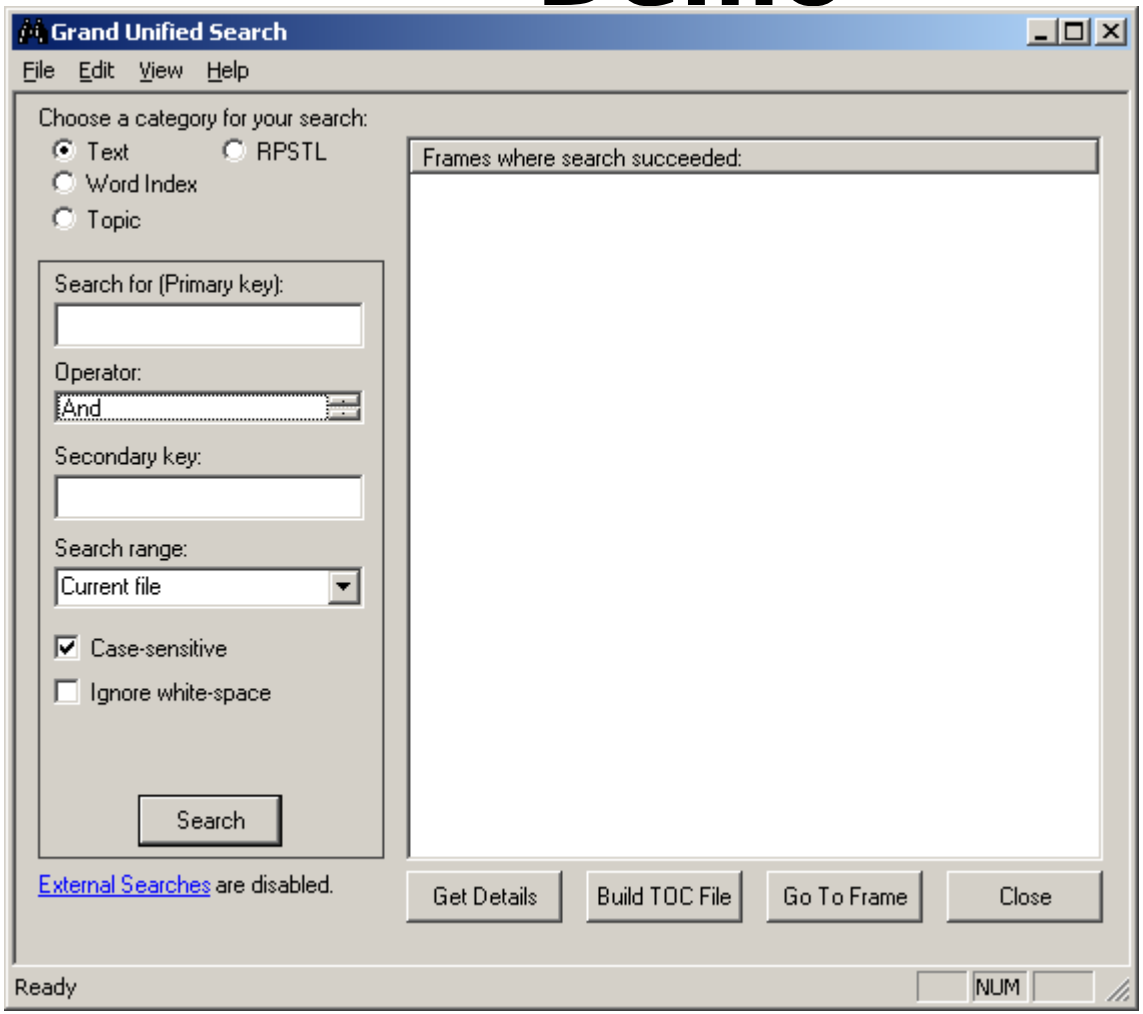
Advantages of Incorporating All Three Searches Into One Interface:

- One interface means:
  - Only one interface for future changes
  - Users master only one tool instead of three
  - Interface will behave the same throughout
- Eliminates confusion about which search to perform

Advantages of Incorporating All Three Searches Into One Interface:

- IADS progresses to a total package look and feel as opposed to several disconnected components
- User gains a stand alone way of searching IADS

Grand Unified Search Demo



Question and Answer

Grand Unified Search

Interactive Authoring and Display System

Customer Driven Solutions to IETMs